



Lewis Research Center

NGST

Ariane 5

- **Performance**

- GTO: 6800 kg
- Improvements to achieve 8000 kg to GTO are proposed
- Escape orbit capabilities TBD

- **Fairing/Payload Envelope**

- 5.4 m aluminum/composite fairing
- Envelope maximum cylindrical diameter: 4.57 m
- Envelope overall length: 11.2 m
- Envelope cylindrical section length: 10.35 m

- **Fairing Growth Plans**

- None known

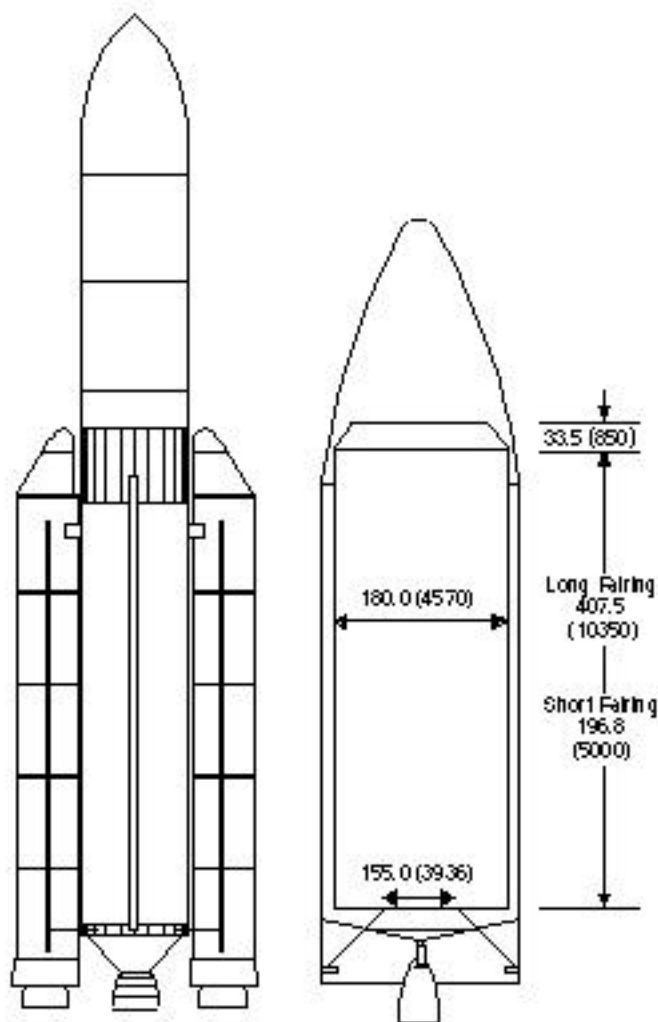
- **Launch Availability**

- ELA: ELA-3
- Upgraded performance version in 2002

- **Basic Launch Service Cost**

- \$120M (AIAA International Reference Guide to Space Launch Systems)

<http://www.arianespace.com/ariane/anglais/aew122.html>



Launch Services & Transportation Projects Office